



STEM EDUCATION

Harris has a 120-plus year record of innovation, creating technologies that have helped transform industries ranging from printed communications and space exploration to weather forecasting and battlefield networking. Today, the company invests an industry-leading portion of its revenue in R&D, enabling its 9,000 engineers to innovate technologies that connect, inform and protect the world.

BENEFITS

The Commission on the Future of the U.S. Aerospace Industry recommended that “the nation immediately reverse the decline in and promote the growth of a scientifically and technologically trained U.S. aerospace workforce.”

STEM education motivates and inspires our nation’s youth to study technical fields and position them for successful careers at companies like Harris Corporation.

The aerospace and defense industry needs a highly skilled and diverse workforce to succeed.

To help foster the next generation of innovators, Harris also invests heavily in time and resources to support Science, Technology, Engineering and Mathematics (STEM) education at all levels. The company’s STEM activities are aimed at motivating and inspiring students to study these critical disciplines to position themselves for careers in technical fields.

STEM SUPPORT

During the past 10 years, Harris has contributed more than \$22 million to educational institutions in support of STEM-related education, and employees have volunteered more than 11,000 hours in STEM-related outreach – impacting 37,000 students. Harris employees have made STEM Technology Roadshow presentations to more than 20,000 students, the equivalent of more than

800 classrooms. At least 2,500 students have visited Harris facilities for career days, Engineers Week and other programs. STEM is also one of the primary focus areas for the Harris Employees Actively Responding Together, or HEART program, which facilitates employee STEM volunteer opportunities around the world. Some other STEM support examples include:

FACTS

Sample Organizations Harris is associated with:

- Club Esteem
- Science Saturdays
- FLL Robotics
- FIRST Robotics
- Junior Achievement
- Future Problem Solving
- Odyssey of the Mind
- Introduce a Girl to Engineering
- VEX Robotics
- Take Stock in Children
- Bring Your Child to Work Days
- Emerging Engineers
- Society of Women Engineers WOW! That's engineering for girls
- Girl Scouts
- Maker Faire
- Team America Rocketry Challenge
- Robotics Education & Competition Foundation
- Society for Satellite Professionals International

About Harris Corporation

Harris Corporation is a leading technology innovator that creates mission-critical solutions that connect, inform and protect the world. The company's advanced technology provides information and insight to customers operating in demanding environments from ocean to orbit and everywhere in between. Harris has approximately \$8 billion in annualized revenue and supports customers in 125 countries through four customer-focused business segments: Communication Systems, Space and Intelligence Systems, Electronic Systems, and Critical Networks.

STEM EDUCATION

Team America Rocketry Challenge

Harris annually sponsors the world's largest rocket contest. For nearly 15 years it has been one of the aerospace and defense industries most visible initiatives to interest middle and high school students in technical careers.

VEX Worlds Competition

Harris sponsors and employees support teams in the VEX Worlds, a gathering of top robotics teams from around the world. The competition includes IQ challenges for elementary and middle schools and robotics competitions for middle and high schools. A university-level division includes design and research competitions.

Robotics Education & Competition Foundation

Harris engineers assisted in creating the Pre-engineering and Robotics Certification Program under the REC Foundation, used in all 50 U.S. states to prepare students for further STEM studies.

Society for Satellite Professionals International (SSPI)

Harris sponsors a publication through the SSPI called "Liftoff—Careers in Satellite" that encourages students and recent graduates to enter careers within the space industry.

Harris STUDENT Design Challenge

Harris employees assist students in designing a smartphone application in the manner a professional engineer would. The applications are judged by Harris employees in a final day of competition.

Teacher Externships

Harris hires teachers to work with engineers over the summer to develop real-world lesson plans to take back to their classrooms. The program has used lessons built around Raspberry Pi, a simple computer to teach coding and software engineering.

University Support

Harris has donated millions of dollars to engineering-oriented universities to support facilities, STEM educational and research programs, scholarships and fellowships. The company has created world-class learning environments, provided scholarships and endowments, supported student organizations, sponsored special events and encouraged employee participation on advisory boards. Beneficiaries include Florida, Georgia Tech, Florida Tech, Purdue, Central Florida, Villanova, Michigan, Rochester Institute of Technology, Auburn, Carnegie Mellon, North Carolina State, Florida Polytechnic, Virginia Tech, University of Puerto Rico, Florida State, Florida A&M, Ohio State, Clemson, New Mexico State and others. Donations have paid for science and engineering labs focusing on innovation at a number of schools.

K-12 Educational Outreach Program

Harris employees provide hands-on workshops, career day speakers and other general volunteering opportunities to schools in communities where they live and work.

Florida Capitol STEM Day

Harris employees serve as ambassadors and provide hands-on displays to promote STEM education in Tallahassee, Florida. The event connects directly with students and promotes the importance of STEM funding to lawmakers.

Engineers Week

Harris' annual celebration of Engineers Week (EWeek) includes activities with students at many facilities. Students participate in tours, "Ask an Engineer" career talks and other activities that bring them closer to the real-world challenges and rewards of engineering.

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INFORM AND PROTECT™